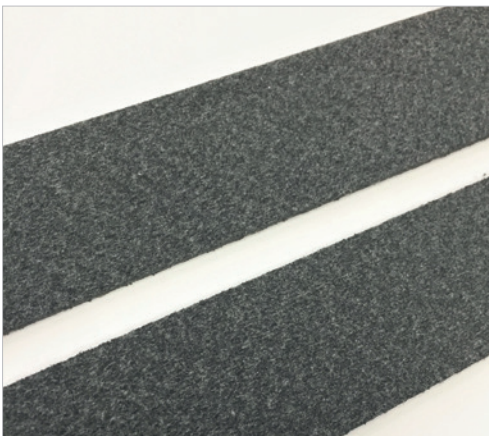
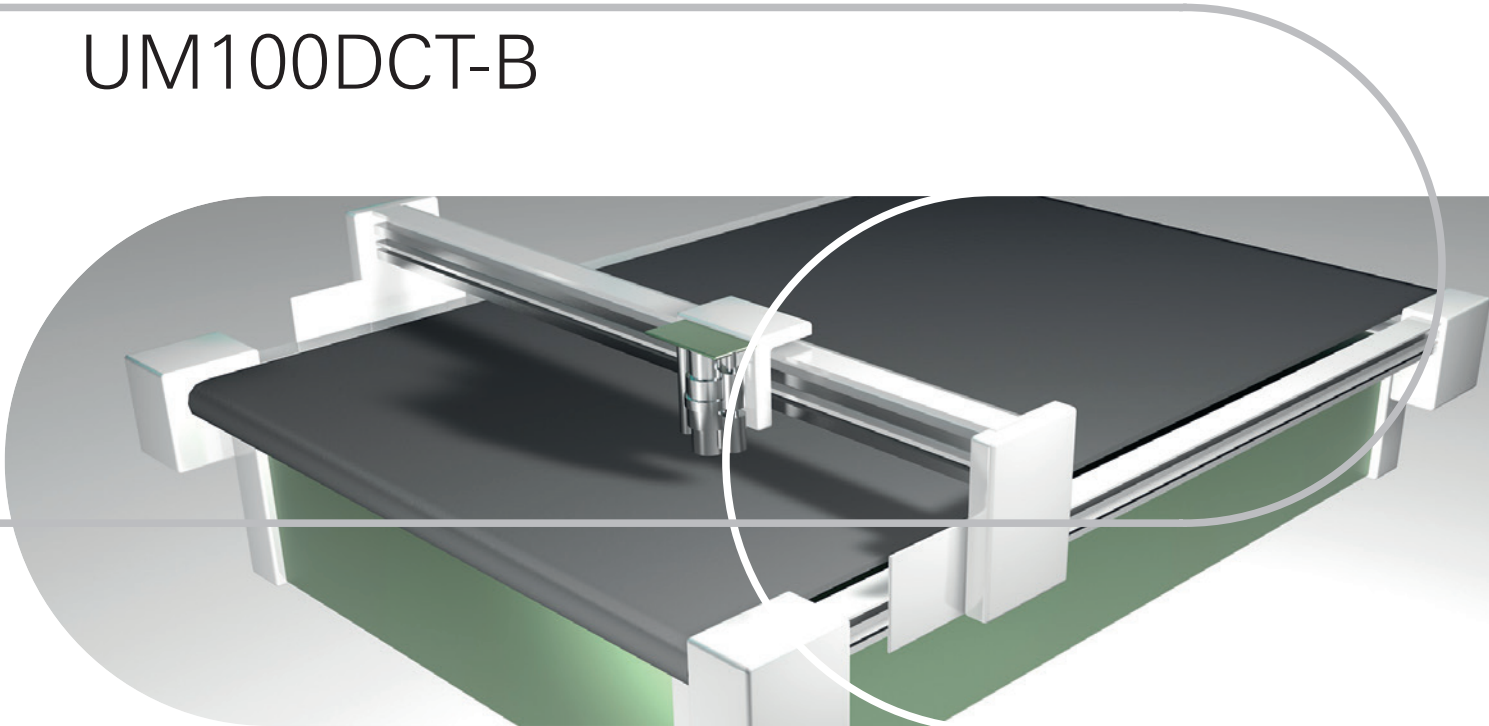


# High-Performance Cutter Belt

## UM100DCT-B



The UM100DCT-B is for mechanical (knife) and laser cutting equipment used for the precise cutting of leather, gasket rubber, nonwoven materials, technical fabrics, and digitally printed materials.

This is the first product in a family of belts (with different thickness and color options) that are engineered specifically for cutting table applications. The belt is used as a membrane on the cutting table, and will often not be joined endless as a traditional conveyor belt is. Negative pressure or vacuum is applied from beneath the cutting table, and air moves through the material to hold the object being cut firmly in place. Cutting can be mechanical (knife blade) or by laser.

Good surface quality and consistent air permeability are the most important characteristics of the belt material for OEMs and EUs.

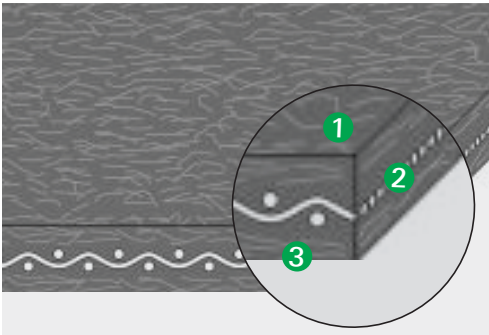
# High-Performance Cutter Belt

## UM100DCT-B

This belt is produced in a width of 2.0 meter. However, for applications requiring larger widths, a simple but effective longitudinal joining method is used to supply greater widths. Flexproof joining is possible if an endless belt is required.

Key features	Your benefits
<ul style="list-style-type: none"> <li>High air permeability</li> </ul>	<ul style="list-style-type: none"> <li>Reduced vacuum pressure required</li> <li>Secure object holding</li> <li>Precise and clean cutting</li> </ul>
<ul style="list-style-type: none"> <li>Increased and uniform material density</li> </ul>	<ul style="list-style-type: none"> <li>Optimal smooth surface texture</li> <li>Vibration-free mechanical and laser cutting</li> </ul>
<ul style="list-style-type: none"> <li>Top cover with NBR saturant</li> </ul>	<ul style="list-style-type: none"> <li>High abrasion and cut resistance</li> <li>Good adherence of the product being cut</li> <li>Prevents fiber detachment and contamination of the products</li> <li>No clogging of belt material</li> </ul>
<ul style="list-style-type: none"> <li>Antistatic belt surface</li> </ul>	<ul style="list-style-type: none"> <li>Good release of finished products</li> </ul>

### Cross-section



- 1 Conveying side: Polyester (PET) fleece
- 2 Traction layer: Polyester (PET) interwoven fabric
- 3 Running side: Polyester (PET) fleece

### Technical key data

Belt Type	Thickness		Tensile force for 1% elongation (relaxed)		Color of conveying side
	mm	inch	N/mm	lbs./in.	
UM100DCT-B	2.5	0.10	9	51	Black

Information provided herein does not constitute legal representations or warranties and may change without notice. Please refer to the specifications/disclaimers provided in the respective product data sheets.

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